

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	33	257/80-82	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:43
S6	1563	257/94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:33
S7	2077	257/98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:00
S8	1922	257/99	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:33
S9	2453	257/103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 14:33
S11	2083185	257/94, "98", "99", "103"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:20
S12	16	S3 and S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:09
S13	150219	S11 and (light with emitting with device or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:22

## EAST Search History

S14	308	S13 and first with connecting with pads	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:24
S15	308	S13 and (first with connecting with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:24
S16	37	S15 and (conductive same bumps)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:25
S17	57	S15 and bumps	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 15:43
S18	57	S15 and bump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:56
S19	1361984	(LED or light with emitting with device or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 16:58
S20	13611	(LED or light with emitting with device or diode) and bump	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:00
S21	767	(LED or light with emitting with device or diode) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:01

## EAST Search History

S22	243	(LED or light with emitting with device or diode) and (conductive with bump) and (between with pads) and reflow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:22
S24	1	(LED or light with emitting with device or diode) and (conductive with bump) and (between with pads) and (plural with emit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/30 17:03
S27	6	(LED or light with emitting with device or diode) and (conductive with bump) and (between with pads) and reflow and (cladding with layer) and (active with layer) and (ohmic with contact)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 12:53
S28	4	"6903376"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 08:42
S29	1	257/e33.043	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 08:42
S30	9	57/E33.043, "E33.059", "E33.063", "E33.065", "E33.066", "E33.068"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 08:59
S31	10	257/E33.043, "E33.059", "E33.063", "E33.065", "E33.066", "E33.068"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 08:59
S32	28	"6486499"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:44

## EAST Search History

S33	8	"09469657"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 09:44
S34	2	(LED or light with emitting with device or diode) and (first with light with radiation) and (second with light with radiation) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:24
S35	1	(LED or light with emitting with (device or diode)) and (first with light with radiation) and (second with light with radiation) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:34
S36	22	(LED or light with emitting with (device or diode)) and (first with wavelength) and (second with wavelength) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:36
S37	6	(LED or light with emitting with (device or diode)) and (white) and (first with wavelength) and (second with wavelength) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:38
S38	56	(LED or light with emitting with (device or diode)) and (white) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:51
S43	2651	(LED or light with emitting with (device or diode)) and (white) and (substrate with upconver\$4) or (down conver\$4) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 10:57
S55	27	(LED or light with emitting with (device or diode)) and (white adj light) and (conductive with bump) and (between with pads)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:03

## EAST Search History

S56	17062	(LED or light with emitting with (device or diode)) and (white adj light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:04
S57	10	(LED or light with emitting with (device or diode)) and (white adj light) and downconverter	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:05
S58	4920	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:06
S59	853	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow and "257"/\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:07
S60	398	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow and "257"/\$ and (Znse or zinc or selleni\$2 or "II-VI")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 11:09
S61	377	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow and "257"/\$ and (Znse or zinc or selleni\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:35
S62	8	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow and "257"/\$ and (Znse or zinc or selleni\$2) and (conductive with bump)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 13:29
S63	42346	(LED or light with emitting with (device or diode)) and (Znse or zinc or selleni\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:20

## EAST Search History

S64	41284	(LED or light with emitting with (device or diode)) and (substrate with Znse or zinc or selleni\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:21
S65	74	(LED or light with emitting with (device or diode)) and (substrate with Znse or zinc or selleni\$2) and (combine with blue and yellow)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:28
S66	40	(LED or light with emitting with (device or diode)) and (white adj light) and blue and yellow and "257"/\$ and (Znse or zinc or selleni\$2) and solder	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/31 14:35
S68	284926	313/498, "499", "501"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:31
S69	25107	S68 and (light with emitting with device or diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:33
S70	584	S68 and (LED or light with emitting with (device or diode)) and white adj light and blue and yellow	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:36
S71	205	S68 and (LED or light with emitting with (device or diode)) and white adj light and blue and yellow and (Znse or zinc or selleni\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:36
S72	240	S68 and (LED or light with emitting with (device or diode)) and white adj light and blue and yellow and (Znse or zinc or selleni\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:51

## EAST Search History

S73	55	S68 and (LED or light with emitting with (device or diode)) and white adj light and blue and yellow and (Znse or zinc or selleni\$2) and (solder with bumps or ball)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 14:52
S74	1157	313/498,499,501.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 16:08
S77	330	S74 and ((white near3 light) or convert or upconvert or downconvert)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/05 14:17
S78	12	"6650044"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/06 12:45
S80	10	"6509651"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 14:23
S81	2	"6791116"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 14:26
S82	34	"5952681"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:26
S83	4	"6642547"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/07 15:26